

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/646,807

DATE: 05/31/2001

TIME: 17:02:11

Input Set : A:\DAVI105SEQ.TXT

Output Set: C:\CRF3\05312001\I646807.raw

DEC 18 2001

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OPIE

ENTERED

4 <110> APPLICANT: Graham, Michael wayn  
 5       Rice, Robert Norman .  
 7 <120> TITLE OF INVENTION: CONTROL OF GENE EXPRESSION  
 10 <130> FILE REFERENCE: DAVI105.001APC  
 12 <140> CURRENT APPLICATION NUMBER: 09/646,807  
 C--> 13 <141> CURRENT FILING DATE: 2001-05-14  
 15 <150> PRIOR APPLICATION NUMBER: PCT/AU99/00195  
 16 <151> PRIOR FILING DATE: 1999-03-19  
 18 <150> PRIOR APPLICATION NUMBER: AU PP2492  
 19 <151> PRIOR FILING DATE: 1998-03-20  
 21 <160> NUMBER OF SEQ ID NOS: 16  
 23 <170> SOFTWARE: FastSEQ for Windows Version 4.0  
 25 <210> SEQ ID NO: 1  
 26 <211> LENGTH: 26  
 27 <212> TYPE: DNA  
 28 <213> ORGANISM: Artificial Sequence  
 30 <220> FEATURE:  
 31 <223> OTHER INFORMATION: Primer Bgl-GFP for Green Fluorescent Protein in  
 32       jellyfish.  
 34 <400> SEQUENCE: 1  
 35 agatctgtaa acggccacaa gttcag 26  
 37 <210> SEQ ID NO: 2  
 38 <211> LENGTH: 26  
 39 <212> TYPE: DNA  
 40 <213> ORGANISM: Artificial Sequence  
 42 <220> FEATURE:  
 43 <223> OTHER INFORMATION: Primer GFP-Bam for Green Fluorescent Protein in  
 44       jellyfish.  
 46 <400> SEQUENCE: 2  
 47 ggatccttgt acagctcgtc catgcc 26  
 49 <210> SEQ ID NO: 3  
 50 <211> LENGTH: 74  
 51 <212> TYPE: DNA  
 52 <213> ORGANISM: Artificial Sequence  
 54 <220> FEATURE:  
 55 <223> OTHER INFORMATION: Primer SV40-1 for SV40 late promoter.  
 57 <400> SEQUENCE: 3  
 58 gtcgacaata aaatatcttt attttcatta catctgtgtg ttggtttttt gtgtgatttt 60  
 59 tgcaaaagcc tagg 74  
 61 <210> SEQ ID NO: 4  
 62 <211> LENGTH: 31  
 63 <212> TYPE: DNA  
 64 <213> ORGANISM: Artificial Sequence  
 66 <220> FEATURE:  
 67 <223> OTHER INFORMATION: Primer SV40-2 for SV40 late promoter.  
 69 <400> SEQUENCE: 4  
 70 gtcgacgttt agagcagaag taacacttcc g 31

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72 <210> SEQ ID NO: 5
73 <211> LENGTH: 38
74 <212> TYPE: DNA
75 <213> ORGANISM: Artificial Sequence
77 <220> FEATURE:
78 <223> OTHER INFORMATION: Primer BEV-1 for the BEV RNA-dependant RNA
79     polymerase from virus.
81 <400> SEQUENCE: 5
82 cggcagatct aacaatggca ggacaaatcg agtacatc          38
84 <210> SEQ ID NO: 6
85 <211> LENGTH: 31
86 <212> TYPE: DNA
87 <213> ORGANISM: Artificial Sequence
89 <220> FEATURE:
90 <223> OTHER INFORMATION: Primer BEV-2 for the BEV RNA-dependant RNA
91     polymerase from virus.
93 <400> SEQUENCE: 6
94 cccgggatcc tcgaaagaat cgtaccactt c          31
96 <210> SEQ ID NO: 7
97 <211> LENGTH: 29
98 <212> TYPE: DNA
99 <213> ORGANISM: Artificial Sequence
101 <220> FEATURE:
102 <223> OTHER INFORMATION: Primer BEV-3 for the BEV RNA-dependant RNA
103     polymerase from virus.
105 <400> SEQUENCE: 7
106 gggcggatcc ttagaaagaa tcgtaccac          29
108 <210> SEQ ID NO: 8
109 <211> LENGTH: 28
110 <212> TYPE: DNA
111 <213> ORGANISM: Artificial Sequence
113 <220> FEATURE:
114 <223> OTHER INFORMATION: Primer BEV-4 for the BEV RNA-dependant RNA
115     polymerase from virus.
117 <400> SEQUENCE: 8
118 cggcagatct ggacaaatcg agtacatc          28
120 <210> SEQ ID NO: 9
121 <211> LENGTH: 37
122 <212> TYPE: DNA
123 <213> ORGANISM: Artificial Sequence
125 <220> FEATURE:
126 <223> OTHER INFORMATION: Primer NOS 5' for the NOS terminator sequence from
127     agrobacterium.
129 <400> SEQUENCE: 9
130 ggattcccg gacgtcgca atttcccccg atcgttc          37
132 <210> SEQ ID NO: 10
133 <211> LENGTH: 33
134 <212> TYPE: DNA
135 <213> ORGANISM: Artificial Sequence

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137 <220> FEATURE:
138 <223> OTHER INFORMATION: Primer NOS 3' for the NOS terminator sequence from
139     agrobacterium.
141 <400> SEQUENCE: 10
142 ccatggccat ataggcccga tctagtaaca tag                      33
144 <210> SEQ ID NO: 11
145 <211> LENGTH: 33
146 <212> TYPE: DNA
147 <213> ORGANISM: Artificial Sequence
149 <220> FEATURE:
150 <223> OTHER INFORMATION: Primer SCBV 5' for the SCBV promoter sequence from
151     virus.
153 <400> SEQUENCE: 11
154 ccatggccta tatggccatt cccacattc aag                      33
156 <210> SEQ ID NO: 12
157 <211> LENGTH: 27
158 <212> TYPE: DNA
159 <213> ORGANISM: Artificial Sequence
161 <220> FEATURE:
162 <223> OTHER INFORMATION: Primer SCBV 3' for the SCBV promoter sequence from
163     virus.
165 <400> SEQUENCE: 12
166 aacgttaact tctacccagt tccagag                          27
168 <210> SEQ ID NO: 13
169 <211> LENGTH: 27
170 <212> TYPE: DNA
171 <213> ORGANISM: Artificial Sequence
173 <220> FEATURE:
174 <223> OTHER INFORMATION: Primer LNYV 1 for the LNYV 4 KB gene from virus.
176 <400> SEQUENCE: 13
177 aacgttaact tctacccagt tccagag                          27
179 <210> SEQ ID NO: 14
180 <211> LENGTH: 24
181 <212> TYPE: DNA
182 <213> ORGANISM: Artificial Sequence
184 <220> FEATURE:
185 <223> OTHER INFORMATION: Primer LNYV 2 for the LNYV 4 KB gene from virus.
187 <400> SEQUENCE: 14
188 tgtggatccc taacggaccc gatg                             24
190 <210> SEQ ID NO: 15
191 <211> LENGTH: 72
192 <212> TYPE: DNA
193 <213> ORGANISM: Artificial Sequence
195 <220> FEATURE:
196 <223> OTHER INFORMATION: Primer PVY1 for the PVY Nia region from virus.
198 <400> SEQUENCE: 15
199 taatgaggat gatgtcccta cctttaattg gcagaaattt ctgtggaaag acagggaaat 60
200 ctttcggcat tt                                           72
202 <210> SEQ ID NO: 16

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203 <211> LENGTH: 72  
204 <212> TYPE: DNA  
205 <213> ORGANISM: Artificial Sequence  
207 <220> FEATURE:  
208 <223> OTHER INFORMATION: Primer PVY2 for the PVY Nia region from virus.  
210 <400> SEQUENCE: 16  
211 taatgaggat gatgtcccta cttttaattg gcagaaattt ctgtggaaag acagggaaat 60  
212 ctttcggcat tt 72

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/646,807

DATE: 05/31/2001

TIME: 17:02:12

Input Set : A:\DAVI105SEQ.TXT

Output Set: C:\CRF3\05312001\I646807.raw

L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date